

**To:** Way, Steven[way.steven@epa.gov]  
**Cc:** Bruce Stover - DNR[bruce.stover@state.co.us]  
**From:** Sorenson - DNR, Allen  
**Sent:** Fri 12/5/2014 12:55:58 AM  
**Subject:** Fwd: G K mine portal rehab - revised plan  
Gold King Mine.docx

Steve, this looks good to me. As we discussed, I would have them put in two, maybe even three six inch smooth wall hdpe drain pipes in the bedding below the culvert. A six inch smooth wall pipe at one percent grade can move 300 gpm without any trouble. The flow at Gold King is likely to increase once the Red and Bonita is plugged.

Bruce, what-say-you? (Steve has our spec and drawing for CSP adit closure).

----- Forwarded message -----

From: **Way, Steven** <[way.steven@epa.gov](mailto:way.steven@epa.gov)>  
Date: Thu, Dec 4, 2014 at 3:28 PM  
Subject: G K mine portal rehab - revised plan  
To: "Allen.Sorenson@state.co.us" <[Allen.Sorenson@state.co.us](mailto:Allen.Sorenson@state.co.us)>

Allen,

If you have time to look this over and offer any comments that would be great.

Thanks,

Steve

Steven Way

Federal On-Scene Coordinator

Emergency Response Unit

US EPA - Region 8

1595 Wynkoop Street

Denver, CO 80202

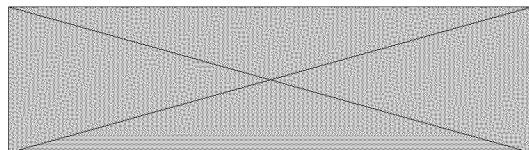
Office: 303-312-6723

--

**Allen C. Sorenson**

Project Manager/Geological Engineer

Inactive Mine Reclamation Program



P 303.866.3567x8143 | F 303.832.8106 | C 303.263.7886

1313 Sherman Street #215, Denver, CO 80203

allen.sorenson@state.co.us | www.mining.state.co.us